

CLAIMS SUMMARY

1-7 Cancelled

8. (Currently amended) A rapid coupling comprising
a sleeve having an inner stop and an insertion end;
a pipe nipple having an insertion end adapted to be inserted into the sleeve's
insertion end and having an outer surface formed with an engagement section;
a locking element provided in the sleeve at the insertion end of the sleeve, the
locking element, upon engagement with the engagement section, retaining the nipple in
the sleeve to constitute a coupled state of the coupling;
a compression spring disposed between the inner stop of the sleeve and the
insertion end of the nipple; and
wherein the position of the locking element and the engagement section and the
strength of the compression spring are such that in an uncoupled state of the coupling,
the compression spring pushes the nipple out of the sleeve to such an extent that the
engagement section is outside the sleeve.

9. (Currently amended) The rapid coupling of claim 8, wherein the
engagement section of the nipple is formed as a groove, and a recess is provided in the
sleeve, the recess having three successive regions with diameters decreasing in an axial
direction toward the insertion end of the sleeve, the diameter of an inner one of the
regions being at least equal to the outer diameter of the nipple plus twice the radial
thickness of the locking element, and the diameter of a center region corresponding to
the diameter of the groove plus twice the radial thickness of the locking element.

10. (Previously presented) The rapid coupling of claim 9, wherein the diameter
of an outer one of the regions of the recess is larger than the outer diameter of the nipple
to leave a gap between the nipple and the sleeve for an unlocking tool to be inserted.

11. (Previously presented) The rapid coupling of claim 9, wherein the locking element is a resilient retaining ring having an inner diameter which, in a relieved state of the retaining ring, is smaller than the outer diameter of the nipple.

12. (Currently amended) The rapid coupling of claim 8, wherein the engagement section of the nipple is formed as a projection, and a recess having two successive regions is provided in the sleeve, the diameter of the ~~the~~ an outer one of the regions adjoining said ~~the~~ the insertion end of the sleeve corresponding to the ~~the~~ an outer diameter of the projection, and the diameter of the inner one of the regions being at least equal to the outer diameter of the projection plus twice the radial thickness of the locking element.

13. (Previously presented) The rapid coupling of claim 12, wherein the locking element is a resilient retaining ring having an inner diameter which, in a relieved state of the retaining ring, is smaller than the outer diameter of the projection of the nipple.